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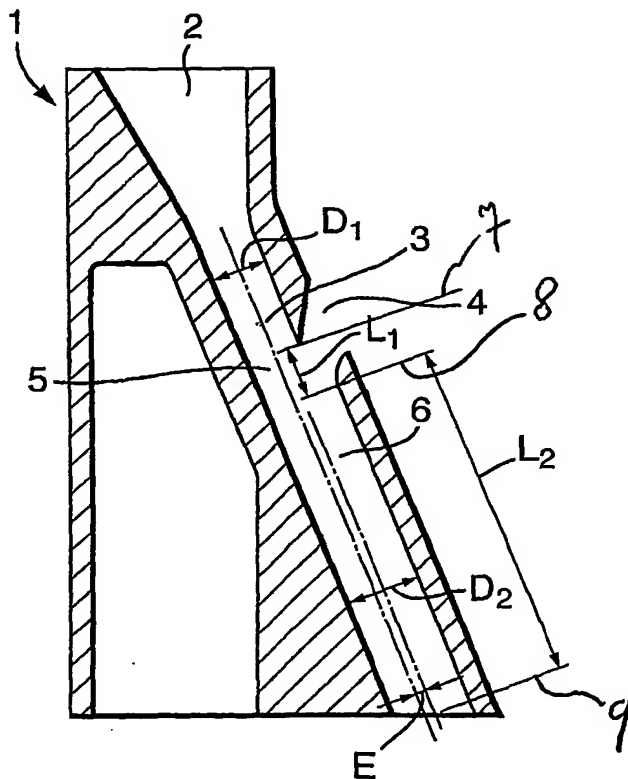
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(54) Title: **NOZZLE UNIT AND METHOD FOR EXCAVATING A HOLE IN AN OBJECT**



(57) Abstract: Nozzle unit (1) for generating an abrasive jet, which nozzle unit (1) comprises: a first nozzle (3) connected to a pressurized carrier fluid supply (2); a mixing chamber (5) in which the first nozzle (3) discharges; a second nozzle (6) connected to the mixing chamber (5); and an abrasive particle inlet (4) discharging in the mixing chamber (5); wherein the proportion of the cross sectional area of the first nozzle opening ( $A_1$ ) and the cross sectional area of the second nozzle opening ( $A_2$ ) is in a range of 0.50-1.0.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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